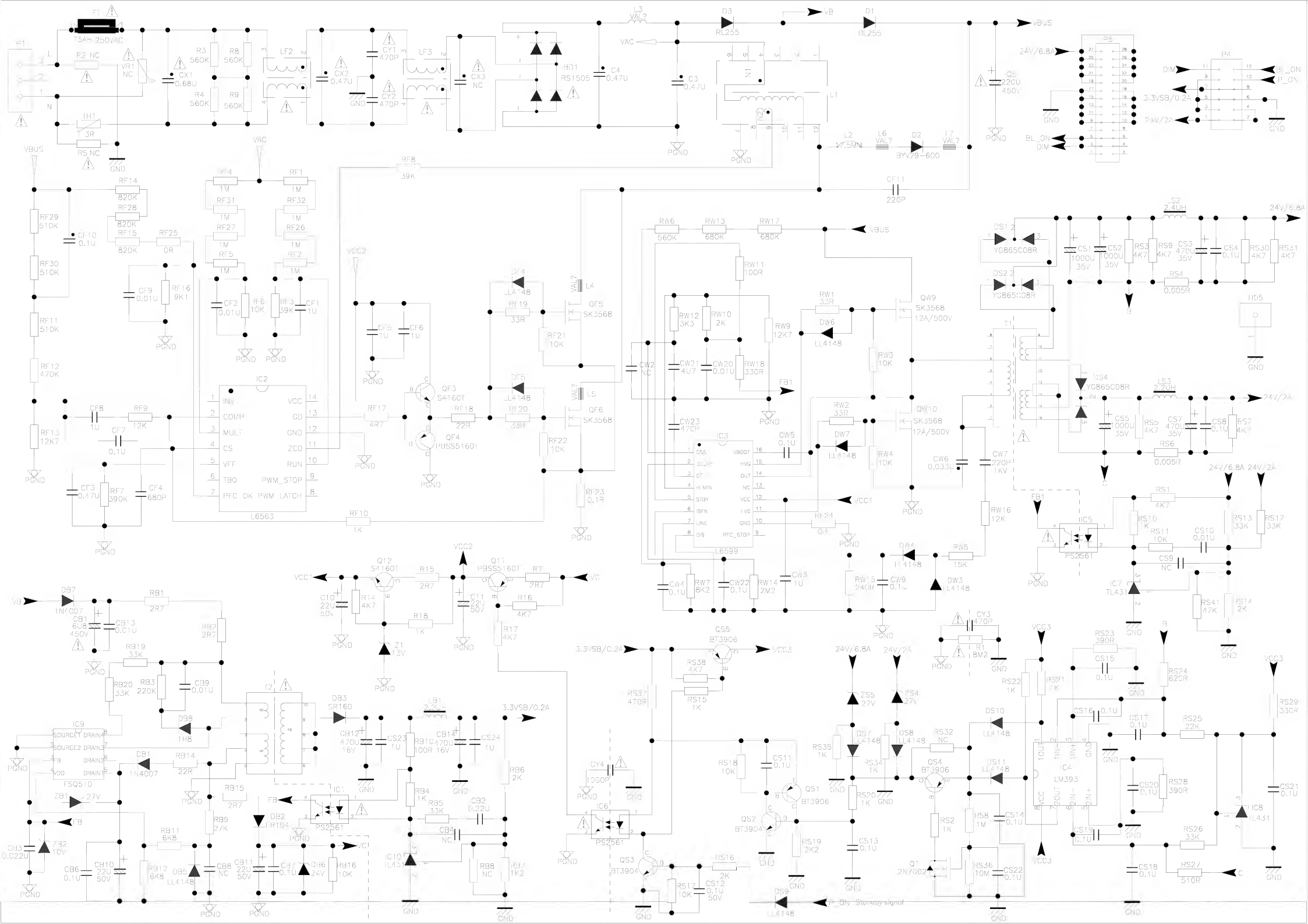
F1 T5AH 250VAC
P1
R2 NC
VR1 NC
CX1 0.68U
R3 560K
R8 560K
R4 560K
R9 560K
LF2
CX2 0.47U
CY1 470P
CY2 470P
LF3
CX3 NC
BD1 RS1505
C4 0.47U
L3 VAL?
VAC
C3 0.47U
D3 RL255
VB
D1 RL255
VBUS
CE 220U 450V
PGND
N1
L1
L2 17.5MN
L6 VAL?
D2 BYV29-600
L7 VAL?
CF11 220P
P5
24V/6.8A
BL_ON
DIM
P4
3.3VSB/0.2A
24V/2A
IH1
T 3R
R5 NC
RF8 39K
RF14 820K
RF28 820K
RF15 820K
RF29 510K
RF30 510K
RF11 510K
RF12 470K
RF13 12K7
CF10 0.1U
RF25 0R
CF9 0.01U
RF16 9K1
RF4 1M
RF1 1M
RF31 1M
RF32 1M
RF27 1M
RF26 1M
RF5 1M
RF2 1M
CF2 0.01U
RF6 10K
RF3 39K
CF1 1U
VCC2
CF5 1U
CF6 1U
IC2
L6563
INV
COMP
MULT
CS
VFF
TBO
PFC_OK
VCC
GD
GND
ZCD
RUN
PWM_STOP
PWM_LATCH
CF8 1U
RF9 12K
CF7 0.1U
CF3 0.47U
RF7 390K
CF4 680P
RF10 1K
RF17 4R7
RF18 22R
QF3 S4160T
QF4 PHSS51601
DF4 LL4148
DF5 LL4148
RF19 33R
RF21 10K
RF20 33R
RF22 10K
L4
L5
QF5 SK3568
QF6 SK3568
RF23 0.1R
RW6 560K
RW13 680K
RW17 680K
RW11 100R
RW12 3K3
RW10 2K
RW9 12K7
CW2 NC
CW21 4U7
CW20 0.01U
RW18 330R
CW23 470P
FB1
RW1 33R
DW6 LL4148
QW9 SK3568 12A/500V
RW3 10K
RW2 33R
DW7 LL4148
QW10 SK3568 12A/500V
RW4 10K
CW5 0.1U
IC3
L6599
VBOOT
HVG
OUT
NC
VCC
LVG
GND
PFC_STOP
CSS
DELAY
CF
RFMIN
STBY
ISEN
LINE
DIS
VCC1
RW24 0R
CW6 0.033U
CW7 220P 1KV
RW16 12K
CW4 0.1U
RW7 8K2
CW22 0.1U
RW14 2M2
CW3 1U
RW15 240R
CW9 0.1U
DW4 LL4148
RW5 15K
DW3 LL4148
T1
DS1 2 YG865C08R
DS2 2 YG865C08R
CS1 1000U 35V
CS2 1000U 35V
RS3 4K7
RS9 4K7
CS3 470U 35V
CS4 0.1U
RS30 4K7
RS31 4K7
LS2 2.4UH
RS4 0.005R
IIC5
DS4 YG865C08R
CS5 1000U 35V
RS5 4K7
CS7 470U 35V
CS8 0.1U
RS7 4K7
LS3 2.2UH
RS6 0.005R
24V/6.8A 24V/2A
FB1
IIC5
PS2561
RS1 4K7
RS10 1K
RS11 10K
CS10 0.01U
CS9 NC
RS13 33K
RS12 33K
IC7 TL431
RS41 47K
RS14 2K
CY3 470P
R1 8M2
VCC3
RS23 390R
CS15 0.1U
RS24 620R
RS22 1K
RS21 1K
CS16 0.1U
CS17 0.1U
RS25 22K
RS29 330R
IC4 LM393
RS32 NC
DS10 LL4148
DS11 LL4148
QS4 BT3906
RS2 1K
RS8 1M
CS14 0.1U
RS36 10M
CS22 0.1U
Q1 2N7002
CS20 0.1U
RS28 390R
CS19 0.1U
RS26 33K
RS27 510R
CS18 0.1U
IC8 TL431
CS21 0.1U
VCC2
Q12 S4160T
Q11 PBSS5160T
R15 2R7
R7 2R7
R14 4K7
R16 4K7
R18 1K
R17 4K7
C10 22U 50V
C11 22U 50V
Z1 13V
VB
DB7 1N4007
RB1 2R7
CB1 6U8 450V
CB13 0.01U
RB2 2R7
RB19 33K
RB20 33K
RB3 220K
CB9 0.01U
DB8 1H8
IC9
FSQ510
SOURCE1 DRAIN4
SOURCE2 DRAIN3
FB
DRAIN2
VDD DRAIN1
DB1 1N4007
RB14 22R
RB15 2R7
ZB1 27V
RB9 27K
RB11 6K8
RB12 6K8
DB5 LL4148
CB8 NC
CB6 0.1U
CH10 22U 50V
CH3 0.022U
Y 7R2 10V
T2
DB3 SR160
CB12 470U 16V
CS23 1U
LB1 2.2UH
RB10 100R 16V
CB14 470U 16V
CS24 1U
RB6 2K
RB4 1K
RB5 33K
CB4 NC
CB2 0.22U
IC1
PS2561
DB2 LL4148
CB11 22U 50V
CB7 0.1U
DB6 24V
RB16 10K
RB8 NC
IC10 LL431
RB7 1K2
3.3VSB/0.2A
QS5 BT3906
RS38 4K7
RS37 470R
RS15 1K
CY4 1000P
IC6
PS2561
QS1 BT3906
QS2 BT3904
QS3 BT3904
RS18 10K
CS11 0.1U
RS19 2K2
RS16 2K
CS12 0.1U 50V
RS17 10K
DS9 LL4148
P_ON Standby signal
ZS5 27V
ZS4 27V
DS7 LL4148
DS8 LL4148
RS35 1K
RS34 1K
RS20 1K
CS13 0.1U
RS33 1K
RS31 1K
CS6 0.1U
RS30 1K
CS12 0.1U
RS46 10M
CS22 0.1U
Q1 2N7002